| PATENT | APPLICATION | SERIAL | NO. | |
|---------------|--------------------|---------------|-----|------|
| | | | | |

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

03/30/2004 GWORDOF1 00000039 090458 10708861 01 FC:1001 770.00 DA

> PTO-1556 (5/87)

| • | | | | | | , | 1 | 12 | 15 | | • | |
|--|---|---|----------------|--------------------------------------|--------------|------------------|----------|-------------------|------------------------|-----------|---------------------|------------------------|
| | J | | | | | | | | | on or l | Docket Nu | mber |
| ł | PATENT APPLICATION FEE DETERMINATION RECORD | | | | | | | | | | | |
| _ | Effective October 1, 2003 | | | | | | | | 10 | 709 | 8861 | · |
| CLAIMS AS FILED - PART I (Column 1) (Column 2) | | | | | | SMALL I | ENTITY | | • | R THAN | | |
| TOTAL CLAIMS | | | 90 | | | ſ | RATE | FEE | OR T | | ENTITY | |
| FOR | | NUMBER FILED | | NUM | NUMBER EXTRA | | BASIC FE | | | BASIC FEE | FEE 770.00 | |
| TOTAL CHARGEABLE CLAIMS | | 20 minus 20= | | * | | - | | 000.00 | HOH | | - 770.00 | |
| INDEPENDENT CLAIMS | | | * | | * | | - | X\$ 9= | | OR | X\$18= | 1 |
| MULTIPLE DEPENDENT CLAIM PR | | | RESENT - | | | X43= | | OR | X86= | | | |
| | WOLTIFLE DEFENDENT CDAIN FRESENT | | | | | | | +145= | | OR | +290= | |
| * | f the difference | e in column 1 is | less than z | ero, enter | "0" in | column 2 | | TOTAL | | OR | TOTAL | 770 |
| | C | CLAIMS AS A | MENDE | O - PART | ΓII | | | | | | OTHER | |
| _ | | (Column 1) | 1 | (Colum | | (Column 3) | _ | SMALL | ENTITY | OR | SMALL | |
| DMENT A | | REMAINING AFTER AMENDMENT | | NUME PREVIO PAID F | BER | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| NON NON | Total | * | Minus | ** | | = | | X\$ 9= | | OR | X\$18= | |
| AMEN | Independent | * | Minus | *** | • | = | | X43= | | OR | X86= | |
| L | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | +145= | | | . 200- | | |
| | | · | | | | | L | + 145= TOTAL | | OR | +290= | |
| | | (Column 1) | · | (Calum | , , ė | (Calvers 0) | A | DIT. FEE | | JOR , | ADDIT. FEE | |
| _ | | CLAIMS | | (Colum | ST | (Column 3) | | | ADDI- | 1 1 | | ADDI- |
| AMENDMENT B | | REMAINING AFTER AMENDMENT | | NUMB PREVIOU PAID F | USLY | PRESENT EXTRA | | RATE | TIONAL FEE | | RATE | TIONAL |
| NDN | Total | * | Minus | ** . | | = | | X\$ 9= | | OR | X\$18= | |
| AME | Independent | * | Minus | *** | | = | | X43= | , | OR | X86=· | |
| | FIRST PRESE | NTATION OF MU | JUIPLE DEP | ENDENT | CLAIM | | | +145= | · | OR | +290= | |
| | | | | | | | AD | TOTAL DIT. FEE | • | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | (Colum | | (Column 3) | | | | • | | • • |
| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHE NUMBE PREVIOL PAID FO | ER . JSLY | PRESENT EXTRA | F | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| | Total | * | Minus | ** | | = | 5 | (\$ 9= | | | X\$18= | |
| | Independent | | Minus | *** | | = | \vdash | (43= | | OR | X86= | |
| <u> </u> | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | H | · | | OR | ∧00= | | |
| • If | the entry in colur | nn 1 is loss than the | entry in solu- | nn 9 umin m | nt in col | uma 3 | + | 145= | | OR | +290= | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ***OPTION OF TOTAL ADDIT. FEE | | | | | | | | | | | | |
| 1 | The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | | |

Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

58047

Application ID:

10708861

Title of Invention:

VERTICAL DEVICE WITH OPTIMAL TRENCH SHAPE

First Named Inventor:

Thomas Adam

Domestic/Foreign Application:

Domestic Application

Filing Date:

2004-03-29

Effective Receipt Date:

2004-03-29

Submission Type:

Utility Patent Filing

Filing Type:

new-utility

Confirmation number:

2860

Attorney Docket Number:

FIS920040026US1

Total Fees Authorized:

810.0

Payment Category:

Deposit Account

Deposit Account Number:

90458

Deposit Account Name:

Margaret A. Pepper

RAM Payment Status:

RAM has not been processed

Digital Certificate Holder: cn=Margaret A. Pepper,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 0df12fbd77d9da194be7947bd5ad70d5895eeac8